



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2009
Code: 11051304
SAU: Medway School Department
School: Medway Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2009

Grade: 7

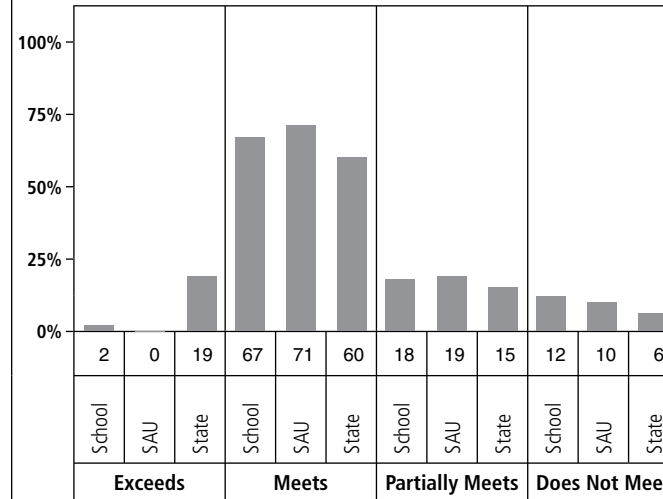
SAU: Medway School Department

School: Medway Middle School

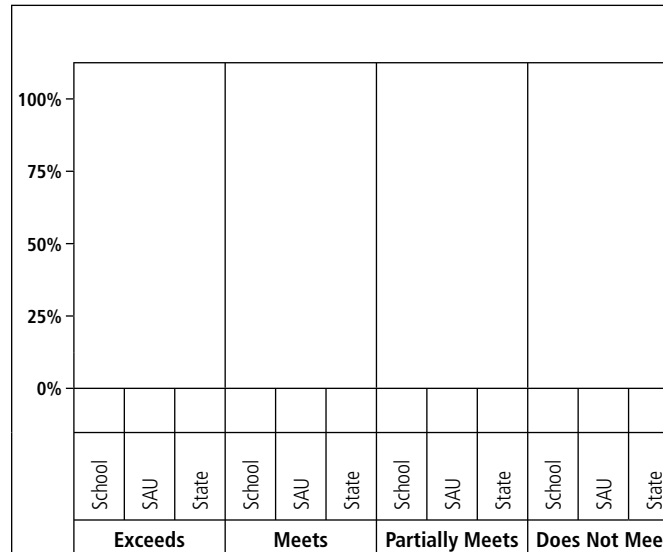
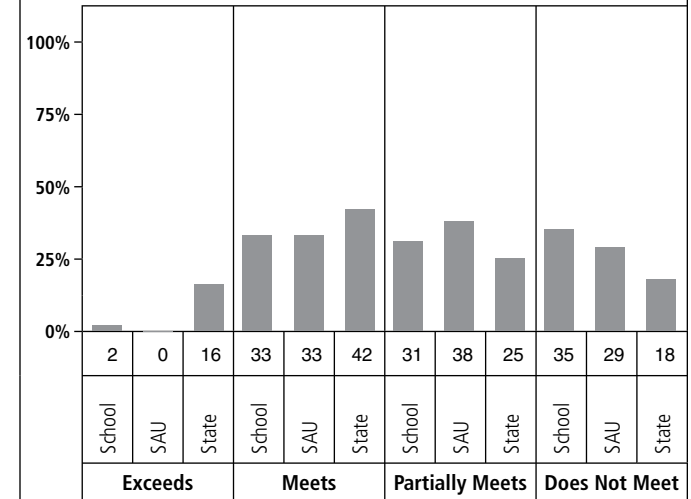
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	741	742	748
2007–2008	744	744	750
2008–2009	745	746	751
Cum. Avg.*	744	744	750
Mathematics			
2006–2007	732	730	742
2007–2008	731	733	743
2008–2009	736	736	745
Cum. Avg.*	733	733	743

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 7
SAU: Medway School Department
School: Medway Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	49	100	21	100	14446	100	49	100	21	100	14316	99	49	100	21	100	14322	99						
Ethnicity African American/Black	1	2	0	0	432	3	1	100	0	0	416	97	1	100	0	0	421	98						
American Indian or Native Alaskan	0	0	0	0	124	1	0	0	0	0	121	98	0	0	0	0	122	99						
Asian or Pacific Islander	1	2	0	0	260	2	1	100	0	0	255	98	1	100	0	0	259	100						
Hispanic	1	2	0	0	147	1	1	100	0	0	144	99	1	100	0	0	144	99						
Caucasian/White	46	94	21	100	13483	93	46	100	21	100	13380	99	46	100	21	100	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	8	16	3	14	2428	17	8	100	3	100	2391	99	8	100	3	100	2391	99						
Current LEP	0	0	0	0	334	2	0	0	0	0	318	95	0	0	0	0	328	98						
Economically disadvantaged	30	61	13	62	5498	38	30	100	13	100	5431	99	30	100	13	100	5436	99						
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	39	80	16	76	11742	81	39	80	16	76	11754	81						
Identified disability (PET/IEP)	0	0	0	0	367	3	0	0	0	0	365	3						
LEP	0	0	0	0	168	1	0	0	0	0	169	1						
504 plan	0	0	0	0	183	2	0	0	0	0	187	2						
Participation with accommodations	10	20	5	24	2367	16	10	20	5	24	2366	16						
Identified disability (PET/IEP)	8	80	3	60	1819	77	8	80	3	60	1824	77						
LEP	0	0	0	0	143	6	0	0	0	0	154	7						
504 plan	0	0	0	0	84	4	0	0	0	0	80	3						
Other	2	20	2	40	358	15	2	20	2	40	346	15						
Participation through alternate assessment (PAAP)	0	0	0	0	205	1	0	0	0	0	202	1						
Identified disability (PET/IEP)	0	0	0	0	205	100	0	0	0	0	202	100						
LEP	0	0	0	0	5	2	0	0	0	0	5	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	0	0	0	0	33	0	0	0	0	0	32	0						
Non-participation – other	0	0	0	0	97	1	0	0	0	0	92	1						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009

Grade: 7

SAU: Medway School Department

School: Medway Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 762–780)	2006-2007	3	8	1	6	2630	18
	2007-2008	1	3	0	0	2604	18
	2008-2009	1	2	0	0	2618	19
	Cum. Total*	5	4	1	2	7852	18
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760)	2006-2007	18	50	11	69	7605	51
	2007-2008	18	50	7	47	8049	55
	2008-2009	33	67	15	71	8484	60
	Cum. Total*	69	57	33	63	24138	56
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 730–740)	2006-2007	8	22	1	6	3000	20
	2007-2008	12	33	6	40	2672	18
	2008-2009	9	18	4	19	2108	15
	Cum. Total*	29	24	11	21	7780	18
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 700–728)	2006-2007	7	19	3	19	1620	11
	2007-2008	5	14	2	13	1190	8
	2008-2009	6	12	2	10	899	6
	Cum. Total*	18	15	7	13	3709	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	30.5	54.5	30.9	55.2	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	20	36	10.6	53.0	10.5	52.5	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	20.0	55.6	20.4	56.7	22.6	62.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: Medway School Department
 School: Medway Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	49	1	2	33	67	9	18	6	12	745	21	0	71	19	10	746	14109	19	60	15	6	751
Ethnicity																						
African American/Black	1										0						409	11	49	22	18	744
American Indian or Native Alaskan	0										0						117	12	53	19	16	746
Asian or Pacific Islander	1										0						253	24	59	11	6	753
Hispanic	1										0						142	14	56	17	13	747
Caucasian/White	46	1	2	30	65	9	20	6	13	745	21	0	71	19	10	746	13188	19	61	15	6	751
Not Reported	0										0						0					
Identified disability																						
Yes	8	0	0	1	13	1	13	6	75	727	3						2186	2	36	35	27	737
No	41	1	2	32	78	8	20	0	0	749	18	0	78	22	0	748	11923	22	65	11	3	754
Current LEP																						
Yes	0										0						311	4	41	29	26	739
No	49	1	2	33	67	9	18	6	12	745	21	0	71	19	10	746	13798	19	61	15	6	751
Economically disadvantaged																						
Yes	30	1	3	19	63	4	13	6	20	744	13	0	77	8	15	745	5300	8	58	22	11	746
No	19	0	0	14	74	5	26	0	0	748	8	0	63	38	0	747	8809	25	61	10	4	754
Migrant																						
Yes	0										0						8	13	50	38	0	747
No	49	1	2	33	67	9	18	6	12	745	21	0	71	19	10	746	14101	19	60	15	6	751
Gender																						
Female	28	1	4	23	82	3	11	1	4	749	10	0	90	10	0	751	6993	24	61	11	4	754
Male	21	0	0	10	48	6	29	5	24	740	11	0	55	27	18	741	7116	14	60	18	8	749
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	13	0	0	7	54	6	46	0	0	742	6	0	50	50	0	743	1025	10	53	27	11	745
No	36	1	3	26	72	3	8	6	17	746	15	0	80	7	13	747	13084	19	61	14	6	752
Gifted/talented program																						
Yes	0										0						676	66	33	1	0	766
No	49	1	2	33	67	9	18	6	12	745	21	0	71	19	10	746	13433	16	61	16	7	750

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 7
 SAU: Medway School Department
 School: Medway Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	0	0	3	60	0	0	2	40	739	19	0	75	0	25	744	7	8	48	25	19	743
B. less than one hour	71	1	3	25	71	6	17	3	9	747	62	0	69	23	8	746	52	17	62	15	6	751
C. one to two hours	16	0	0	4	50	3	38	1	13	742	19	0	75	25	0	748	37	23	61	12	4	753
D. more than two hours	2	0	0	1	100	0	0	0	0	758	0						4	19	53	18	10	750
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	12	0	0	6	100	0	0	0	0	749	14	0	100	0	0	748	30	33	56	7	4	756
B. good	41	1	5	16	80	1	5	2	10	751	43	0	89	0	11	750	49	16	64	14	5	751
C. fair	43	0	0	10	48	7	33	4	19	739	38	0	38	50	13	740	19	5	59	26	10	745
D. poor	4	0	0	1	50	1	50	0	0	737	5	0	100	0	0	744	3	3	45	32	21	740
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	20	1	10	6	60	2	20	1	10	748	14	0	67	33	0	743	33	24	62	10	3	754
B. They match some of what I have learned.	51	0	0	19	76	4	16	2	8	746	52	0	73	18	9	746	52	18	62	15	5	751
C. They match just a little of what I have learned.	18	0	0	5	56	1	11	3	33	741	19	0	75	0	25	745	11	11	54	23	13	746
D. There is no match.	10	0	0	3	60	2	40	0	0	744	14	0	67	33	0	746	3	6	38	29	27	739
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	33	1	6	8	50	3	19	4	25	744	38	0	50	25	25	742	17	16	55	18	12	748
B. about the same as my regular schoolwork	48	0	0	17	74	4	17	2	9	745	43	0	78	22	0	745	65	19	62	14	5	752
C. easier than my regular schoolwork	19	0	0	8	89	1	11	0	0	749	19	0	100	0	0	754	17	22	60	13	5	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	9	0	0	1	25	1	25	2	50	733	10	0	50	0	50	735	9	4	44	27	24	740
B. Most of the passages were about the same as what I normally read.	55	1	4	18	69	4	15	3	12	747	52	0	73	18	9	745	54	14	63	17	5	750
C. Most of the passages were easier than what I normally read.	36	0	0	13	76	3	18	1	6	747	38	0	75	25	0	749	38	28	60	9	3	756
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	45	0	0	12	57	4	19	5	24	741	38	0	50	38	13	743	44	19	60	15	6	751
B. I tried about the same as I do on my regular schoolwork.	49	1	4	19	83	3	13	0	0	751	48	0	100	0	0	751	51	19	62	13	5	752
C. I did not try as hard on this test as I do on my regular schoolwork.	6	0	0	1	33	1	33	1	33	733	14	0	33	33	33	733	5	9	51	26	15	744
How much time do you spend reading at home each day?																						
A. more than one hour	18	0	0	6	67	2	22	1	11	745	10	0	100	0	0	753	21	27	57	11	5	755
B. 20 minutes to an hour	41	0	0	15	75	3	15	2	10	747	43	0	78	11	11	748	45	22	62	12	4	753
C. less than 20 minutes	12	1	17	3	50	1	17	1	17	748	10	0	50	50	0	746	13	13	61	17	8	749
D. I rarely read at home.	29	0	0	9	64	3	21	2	14	743	38	0	63	25	13	742	21	7	59	24	11	746
Optional school/SAU question																						
A.	33	0	0	0	0	0	0	1	100	718	0											
B.	33	0	0	0	0	0	0	1	100	728	100	0	0	0	100	728						
C.	0										0											
D.	33	0	0	0	0	1	100	0	0	730	0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
 N = Number

MATHEMATICS RESULTS

Test Date:	March 2009
Grade:	7
SAU:	Medway School Department
School:	Medway Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 762–780)	2006-2007	2	6	0	0	2142	14
	2007-2008	1	3	1	7	2028	14
	2008-2009	1	2	0	0	2220	16
	Cum. Total*	4	3	1	2	6390	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 742–760)	2006-2007	8	22	5	31	5642	38
	2007-2008	6	17	2	13	5703	39
	2008-2009	16	33	7	33	5879	42
	Cum. Total*	30	25	14	27	17224	40
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 728–740)	2006-2007	10	28	4	25	4077	27
	2007-2008	15	42	6	40	3733	26
	2008-2009	15	31	8	38	3537	25
	Cum. Total*	40	33	18	35	11347	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 700–726)	2006-2007	16	44	7	44	3001	20
	2007-2008	14	39	6	40	3054	21
	2008-2009	17	35	6	29	2484	18
	Cum. Total*	47	39	19	37	8539	20

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	23.5	42.0	23.8	42.5	29.9	53.4
A. Number	14	25	6.0	42.9	5.7	40.7	7.7	55.0
B. Data	16	29	5.9	36.9	6.0	37.5	8.1	50.6
C. Geometry	12	21	5.6	46.7	5.3	44.2	6.9	57.5
D. Algebra	14	25	6.1	43.6	6.8	48.6	7.3	52.1

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: Medway School Department
 School: Medway Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	49	1	2	16	33	15	31	17	35	736	21	0	33	38	29	736	14120	16	42	25	18	745
Ethnicity																						
African American/Black	1										0						416	5	26	28	41	733
American Indian or Native Alaskan	0										0						119	8	30	31	30	737
Asian or Pacific Islander	1										0						258	25	43	19	13	750
Hispanic	1										0						142	8	39	23	30	739
Caucasian/White	46	1	2	15	33	14	30	16	35	735	21	0	33	38	29	736	13185	16	42	25	17	745
Not Reported	0										0						0					
Identified disability																						
Yes	8	0	0	0	0	0	0	8	100	716	3						2189	2	17	27	53	728
No	41	1	2	16	39	15	37	9	22	739	18	0	39	44	17	739	11931	18	46	25	11	748
Current LEP																						
Yes	0										0						323	4	20	28	48	729
No	49	1	2	16	33	15	31	17	35	736	21	0	33	38	29	736	13797	16	42	25	17	745
Economically disadvantaged																						
Yes	30	1	3	7	23	8	27	14	47	732	13	0	23	38	38	734	5308	7	35	30	28	738
No	19	0	0	9	47	7	37	3	16	741	8	0	50	38	13	741	8812	21	46	22	11	749
Migrant																						
Yes	0										0						8	0	50	38	13	742
No	49	1	2	16	33	15	31	17	35	736	21	0	33	38	29	736	14112	16	42	25	18	745
Gender																						
Female	28	1	4	9	32	11	39	7	25	738	10	0	30	50	20	738	6992	16	43	25	16	745
Male	21	0	0	7	33	4	19	10	48	732	11	0	36	27	36	735	7128	15	41	25	19	744
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	13	0	0	1	8	7	54	5	38	730	6	0	17	50	33	732	1024	7	26	36	31	736
No	36	1	3	15	42	8	22	12	33	737	15	0	40	33	27	738	13096	16	43	24	17	745
Gifted/talented program																						
Yes	0										0						676	68	29	2	0	767
No	49	1	2	16	33	15	31	17	35	736	21	0	33	38	29	736	13444	13	42	26	18	744

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 7
 SAU: Medway School Department
 School: Medway Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	0	0	2	40	0	0	3	60	734	19	0	50	0	50	739	7	6	30	28	36	735
B. less than one hour	71	1	3	13	37	9	26	12	34	736	62	0	38	31	31	735	52	16	42	25	17	745
C. one to two hours	16	0	0	0	0	6	75	2	25	731	19	0	0	100	0	738	37	18	44	24	14	747
D. more than two hours	2	0	0	1	100	0	0	0	0	758	0						4	15	38	24	22	743
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	23	1	9	6	55	2	18	2	18	743	20	0	75	25	0	747	26	35	43	12	9	754
B. good	44	0	0	8	38	5	24	8	38	735	50	0	30	40	30	735	46	13	48	25	15	745
C. fair	31	0	0	2	13	8	53	5	33	733	25	0	20	60	20	735	23	3	32	37	27	737
D. poor	2	0	0	0	0	0	0	1	100	724	5	0	0	0	100	724	5	1	22	37	40	731
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	27	0	0	4	31	6	46	3	23	736	29	0	33	67	0	740	26	23	43	20	13	749
B. They match some of what I have learned.	53	1	4	10	38	7	27	8	31	737	48	0	40	30	30	738	53	15	45	26	15	746
C. They match just a little of what I have learned.	16	0	0	2	25	1	13	5	63	731	19	0	25	0	75	728	17	9	35	32	24	740
D. There is no match.	4	0	0	0	0	1	50	1	50	730	5	0	0	100	0	738	4	7	21	22	51	730
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	49	1	4	6	25	9	38	8	33	736	62	0	23	46	31	735	37	8	40	29	23	740
B. about the same as my regular schoolwork	41	0	0	9	45	4	20	7	35	737	24	0	60	0	40	737	51	16	44	25	15	746
C. easier than my regular schoolwork	10	0	0	1	20	2	40	2	40	730	14	0	33	67	0	743	12	41	35	13	11	755
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	39	0	0	5	26	8	42	6	32	735	38	0	13	75	13	736	48	14	42	27	17	744
B. I tried about the same as I do on my regular schoolwork.	53	1	4	11	42	6	23	8	31	738	52	0	55	9	36	737	47	18	43	23	16	746
C. I did not try as hard on this test as I do on my regular schoolwork.	8	0	0	0	0	1	25	3	75	723	10	0	0	50	50	731	5	14	27	25	34	738
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	4	0	0	1	50	0	0	1	50	732	5	0	100	0	0	750	8	8	30	29	33	737
B. 30–45 minutes	27	0	0	5	38	2	15	6	46	734	24	0	40	20	40	735	38	13	40	27	20	743
C. 45–60 minutes	61	1	3	10	33	13	43	6	20	739	67	0	29	50	21	737	42	20	45	23	12	748
D. more than 60 minutes	8	0	0	0	0	0	0	4	100	720	5	0	0	0	100	724	12	16	42	25	17	745
How often do you use calculators in mathematics class?																						
A. almost every day	2	0	0	0	0	0	0	1	100	722	0						15	19	38	25	19	745
B. two or three days a week	0										0						31	18	42	24	16	746
C. two or three times a month	8	0	0	2	50	0	0	2	50	733	10	0	50	0	50	734	26	17	43	24	17	746
D. never or almost never	90	1	2	14	32	15	34	14	32	736	90	0	32	42	26	737	28	11	42	27	19	743
How often do you use laptops in mathematics class?																						
A. almost every day	4	0	0	0	0	0	0	2	100	713	5	0	0	0	100	718	10	12	39	24	24	741
B. two or three days a week	6	0	0	0	0	0	0	3	100	719	5	0	0	0	100	726	22	13	43	26	18	744
C. two or three times each month	37	1	6	7	39	7	39	3	17	741	52	0	55	36	9	741	33	18	44	25	13	747
D. never or almost never	53	0	0	9	35	8	31	9	35	735	38	0	13	50	38	733	35	16	40	25	19	744
Optional school/SAU question																						
A.	33	0	0	0	0	0	0	1	100	714	0											
B.	33	0	0	0	0	0	0	1	100	718	100	0	0	0	100	718						
C.	0										0											
D.	33	0	0	0	0	0	0	1	100	722	0											

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